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JUNE 30, 1924

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The one-and-a-half day Coast to Coast Air Mail on the Wing

VOLUME XVI

SPECIAL FEATURES

THE ANDRE HEXAGONAL TUBE RADIATOR THE COMMERCIAL AIRCRAFT ASSOCIATION PLAN MAUGHAN SPANS CONTINENT BETWEEN DAWN AND DUSK ONE AND A HALF DAY COAST TO COAST AIR MAIL STARTS

> GARDNER PUBLISHING CO., INC. HIGHLAND, N. Y. 225 FOURTH AVENUE, NEW YORK

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AVIATION

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FARMAN



1500 MGDELS BARRIOS UP, DELIVERED PHILADELPHIA PRICADELPHIA, PENNA ATLANTIC SEILDING

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AVIATION

Earner P. Warrin

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The Air Mail Forges Ahead

the day following publication of the most, the United an important be called the most important commercial other remound of the Air Man Service stage its creation,

Value of Water Recovery SECRET report to the Rosson of Naval Association

by the comban to Albany and Buffalo on June 3 and 4, on-

The nee of the water recovery apparetas on a regid anality,



Man shower the transportantal Air Mad reads and are sed a helf day schedule ated the necessary famile for reasons such a service of the



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The 1/800,000 candle power overgoner hights, squated from

Macready Saved by Parachute

Laur. John A. Magnedo, A.S., on June 16 eccepted about No. only was returned to McCock Publishers as street fight from Colonden when the motor of he fifth and in Red thought was to land, if possible, where no here Days - Ending his position by mount of the only lighter.

"The I proposed to jump," he said. "My alternet show
we between 3,000 and 3,000 ft from the ground bears of my safety belt and three one leg over the side of the To it I emviod cut on the wing and attempted to now the personal catch. I had to work fact.

"I let go of the plane and let the work blow me free." "I don't know to what position I was in when I left the "I don't know sy wast postton I was it warm a sen an ship, whether I was spende down or not. But I heard the personnels open with a map and I know I would lend to lat-With Massessly was fleating outbrand, Edward A. Wilder of the Dayton Chamber of Commerce, walking below Wildel of the largest a name of Comment, and the sky me the derivers, one statistic to hear a voice from the sky say "Helis below? Hey, drwn there?" Macrossly had decalled to rail out to previous regary to landing "I here corrying on a conversation with those below motif.

I fell is shortly become." he was "There had no below motif. Mercenty is probably the first person ever to make a night

Macrondy suddenly unliked tota their radel. He had Macrony moderny warm man be to give plane crush landed a short distance many and had not the plane crush

the slep up to I could have without any danger of hering

High Speed Propeller Tests

American World Flight The three Amprican World Places left Tourses on James

they proceeded to Hampton making a total of 450 m; fur the days flocks. Laugherent South was remarked to be sufferned

Aviation in the Republican Platform The Platform adopted by the National Ropations Conwestern in Clerchiad contains the following reference to con-

Maughan Spans Continent Between Dawn and Dusk

Curtiss Pursuit Plane Covers the 2700 Miles in 21 hr. 48 min.



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fully serving over the field, for a had

The Andre Hexagonal Tube Radiator

R. F. Stridel, fermerly of the designing stepf of the Barling Binober, has put returned from about where the spett first great including rate investigation and consofictiving methods. During his sulpane as frozen, EU. Stalled visible of great members of site frozen, EU. Stalled visible of great members of site frozen, and the stalled visible of great members of site intermed with the advancer mode by Rasson in the automatical field as a result of the framigation were

As a result of on associated west in the Anahor collision feature, on Kroney, the Social has pathward some highly interesting data on the new houseast the register removipational by this associate, which Mr. Sandal new represents in the United States— Extraor.

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to by the "Section Technique" (Engineering mo-Friends army are service) then that the coding the André radiation is approximately one third







Different trace of Andre collected and on French morreful. I. Bergoot 19A2 cores abstraction above 1660 for Legislat. 2. F. B. A. Sying base (186 kg. Hugeen); 3. LeO type H13 connected Sying Fact (2.180 kg. Hugeen); 4. LeO type leader (2-100 by Hapons); 5. Spec time 81 parast place (450 by Loverns); 6. Peta type 15 carps observed pleas (400 hs Lorenza)

taken. The tests were made for a raced of 48 meters per beet at which Fernand Laponte made the latest world stimule below. The trees were made for a speed of we move our weight, etc. of those redation will be formed as the name

Hose Weight is Soved

In the accompanying photographs will be seen various types of Andri reduced Manufaped for one or French nitraft,

of Audit indistremunicated for one on Frence surveits, serioding one of the "colleges" type for high speed planes. The latter true was be wishfrown into the fundam in se-

cocking with contrar requirements at varying attenders. The reduter almorated in the opper left hand corner in the type used on the Bregnet 19.57 place in which Publishe Busin

Nashville Aero Club Organized No. 7 Con., at a meeting of former Army fire, including members of the 156th favorages. Transmer National Conf. W Warren, Jr., temporary accordage, The charter members of the class are Land. Vancou Yaley

New F.A.I. Commission

The Commercial Aircraft Association Plan Code of Regulations Drafted for Permanent Organization

Ti - Commercial Aircraft Association of Altren, Okio, has Equ. shows for its governing constraines.

To officere elected for the counting year are so follows:

Pro-lest, Hareld A. Kelberg, Vice President, W. O. Clark,

Sec. or, David E. Harelberg, Transager, Fred F. Santh

Il show samed, taysther with Y. C. Bebrook, L. A.

Il show samed, taysther with Y. C. Bebrook, L. A. Ti stove named, together with V. C Bebrook, L. A. Der m and W. M. Seilers constitute the Board of Drescious

Code of Bernistians, which it hoped will become a und. for other local Commercial Agreeaft Associations, in goes for the purpose of suffering to the commercial paids is city order a suggestive decises of the economical palets An inited at the time of the organization of thes assertation. promittee of a new rescreet in total, Later, varying treer-

Secretary, 472 South Main St., Akrus, Ohio. Code of Recolutions

during 2. This opposition shall be known to The Com-Server 2. The Commercial Agents Association shall be an

ARTICLE IL OBJECT AND ADM Seriou f. The purpose of this Association and its same shall or recommend to the energying out of the purposes. forms I find testance shall be sticked by the assessing by drough necessary of mortid by the Association or its Droplen, or by compereting with ead wonking possily with other

sprace harmy a similar parroon, or by the use of each other bloom c mean and note as may be deemed necessary or from a 4. From and after the date of the adoption of these resistant the rendstions of membership shall be Any-timer Account sower, some of fields, presenter of Con-

Script 2 Application for recoberrist Application for make up shell be made in writing and addressed to the ments up shell be made in writing and neground to the freedom of the Amounting, Such applications shall be accurage of by a menderality for of \$0.00, or such fin as String of Charter sembers. All members settering the discretion of the data of the section of its Charter, and mak recorded to shall enter within two months of such in-

maner of Charles, shall be because "Charles Members" and a reparate sed of these exchecking shall be kept Ancies J. Liveshier of Amoristics. In the event of the efform an shall be made of these finels as the constitution

Section 2 Annual meetings. The annual meetings of the Board of Darreton potent of this master shall be out to and shall contain the native of the tase and place of such recturing and shall be native to all numbers to conduct standard. Section 2. Regular streetings: Revolute meetings shall be bald on the first Monday of copy month at 5 p. m. at a place designated by the Board of Directors. The Secretary shall

Section 4, From your. The front year shall end on May ARTICLE F. BOARD OF DURECTORS. Statute L. The Affairs of the Association shall be conducted receibers in good standard to the Board of Decretor, four regagns in Compercial mention in priors. The two direction System of The Datestors, together with the officers elected

Arches 5 The governor or supercore shall be ay onese. A susperity of all votes rest shall be reconstruct to close over

slect offerer and to 52 vacanese occurring on the Board of

Section I. It shall be the duty of the Board of Directors resistant, to determine the most of structury and operate res-sessions, and to receive the reports of all committees, to so

All combendage shall be of equal standing and



to a to in meany surrow diagonals at such sistens. The flow at the Lenges meet last full, with line drawn as flow at the Lympon meet not not, with the answering, to



take poles necessary a great secretor in labor to construct

Interest in Light Planes

A creating proof on the country in the light plane.
Following the automorphism is our more of Max 20 that

To quality for the entitions, a peet is required to pure centure tests in accordance with FAI regulations is the Policyting are unners of those who received horses, to sether with their correlated and former numbers, in the roder Auralto-Polete-E Erserson (40, 4), John M Yolton Suppleme Printer-Charles Walber (193, 26), John J. Lav. directors Web to-Married Dariel (6964, 74), Orac 21 Circle Applear Falls—Mentel Block (1984, 14), Olic 21 Cols (6855, 75), Charles S. Jones (4165, 76), H. W. Mendwhite (1946, 77), John W. Hart (4986, 78), Wellem K. Pope (6957, 79), Lt. Herry M. Mills (1988, 80), Vance A. Baris 19313. St. James H. Mess (2007, SQ), Wall D. Parker (79) Chan M. Quina (606), 14), Esymond C. Crawford

were second to pulstic chartery the period from Agent 1 to

sporture averts conducted in accordance with E. A. 1 ways.

To qualify for the certificate, a prict is required to pure

am (2005, 50), John H Livengere (6005, 98), Lt Fre C Haphan (2005, 80), Lt Greald B Askeden (600) 50 Lived Starram (6002, 50), Walley B Seech (4717, 50), M Edward W. Rohads (2002, P1), Dollary A. Allow (2014, Nt. Card A. Kellman (2006, S1), Earry W. Stamon (2016, Nt. Calar E. Bound (2016, S7), Err Meader (2007, Nt. Klend) Trucy (6005, 50) John V, Anderson (6000, 300)

Dutch Entries for Tour de France

hand," a new Datch from devoted to lacks pings construction.

25 D. 4 m. the overall length 35 D. 5 m. the wing row 200 no. 0 and the weekly sensor 205 h. The Belgins rele-The second Holland light place externd is a bull-contri health restrained with a 20-30 he Annual engine of 134 on. Said for S hr. Such the plane weight 790 fb. The hall speed

whosen the normal most of the sames in 1900 years in

the clubing tests the shap reached 5000 ft in 43 min

Cleveland News

the contract of the second of the photos ranguages and

pr. ral places were stalking to transport them to Charage and no solid performance on this, He first commercial field. or over 60 mi der all the way. With full tanks the place

L. Smith, who also wer to have flows to Chicago, fire Peri, at 7.25 p. to., and 2 hr 35 mm. Scient hore from Chroland The news reels of the Convention, taken, H. Amen of the Asr Mail Service, Syong a Ct Opinlo

Copt B E Street and Lorento, O. W. Spokers and J. D. Seasoner Spring MFC's arrived from Selfridge Field and Print J G Bay and C B Q Collyer deshed to with 400

he perform there was nothing left for the Convertors to do not nominate the Very-President and so home Il A Rolfberg, Akren's chief of neutil judge, complete yel budge, then over with W. O. Clark in the latter's SYA. Tie L. H. Scott Flying Circus of Magnette, Olso, few to on

Sever as an old 5th Squadron core, while his prices, East to to endow flying fields, as well so teaching English to The list Convention despite has been below mesers to the Convention Hall is closed, the last plane has de-ferred, and ever the Olena L. Martin Paid has descended a

Besten News

AIRPORTS AND AIRWAYS

At the sewing of the Wortfold Airport, June 6, there was That same day a arrifact than Proce Mallow Build N. V.

Lorotenant Valentine, commendent of the field, is no his now back from McCook Field, Dayton, or a new Jensey, which he exchanged for an old one. He is expected at the field this a week. Lorest E. C. Moffat, forcer commandust of the field, flow the Acres Cover at Westfield during his nine. He beyond Cort. Loris R. Kueht. Ast Officer. First Come Asse.

non mile a closer wast. The gas been compan are one no pumped for the left. Fortunestly he randomed no report. That man day, Lorstenast Pullsday, a Reserve Officer, has

attending to teke of from a read field sent Ipouch. His

"Stable" O'Twole brought has Camer's to the field but work Bellenca's Company Incorporates G. N. Belianes, designer of the well known fieldance rates

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UNITED STATES AIR FORCES

U. S. ARMY AIR SERVICE.

May Harold A. Pergus, A.S., Command and General Staff. School, Pert Leavenagth, Ken., is Solling Field, D. C. sasten. D. C. to Organized Benevoo North Corps Area, to CAR Three E Talindari, A.S., McCook Path, Ohio, to of training at its ADTD, Lengtry Flora, v., Frest Lovat, Walter E. Hickards, A.S., McCook, Field, Cast David S. Seaten, A.S., O.C.A.S. Kelly Field, Tex. Locat. Col. Charles H. Dunforth, A.S., Langley Field, Va. First Liest Allred E. Waller, A.S., Foreign Service, to Middleway, A.I.D., Pa. First Livet, John H. Stokes, or, AS. Delovare O.R.D.

Marcardt Karts, A.S., Command, and Greenst Stuff Cept. Herry B. Flounders, A.S., Foorfield A.J.D. Okio. First Lent Max Bellion, A.S., Page, France, to Marche

Pedroleowa, N. J., to Watertown Amenal, Mass.
Nay Henry C. K. Muhlerberg, A.S., Command and Gen.

First Long Window A. Zellans, A.S., Duncke Field, Tex-Maj Joseph E. Chiney, A.S., Rome, Staly, to Langler Nor. Lanct Albert G Relly, A.S. Smoke Field, Tex. In-Man John F. Corry, A.S., McCook Fueld, Okon, to secure

A most interesting may of the city of Dayton was obtained as May 2, when Loreste John A. Marroady and A. W. Granes

A Record Breaking Phetagraph

The concex well was the Farehold automatic Kt. deed. Arrest Course Corp. Thu camera is 1904 in high, 10 in 3d Attack Group Tests PG1 stryless from the Engineering Drynne, McCook Field, for a performance ted. The applicant on an armored warfe order

attack place with the Parkard E297 moter. Be back upont or appearamentally 116 no /hr and service sedime account mutely 5,000 ft; leading speed approximately 56 na fer. tained by flying and studying it, and so either erystalling the

Many assessions of the Aur Service Officers' Reserve Court. several opportunity to brush up on armal insten, according to Col. T. A. Boldson, Air Officer, Congression bland. To Baldwin, "in them to all Air Server Bearry Officers ... in have first demonstrated their ability by fights upder a soll third, descentive to a flight surroun that their should

St. visits of the Nove William Cledit when his dear dialet note in the Wright-regional PN7 flying beat. His mile. Change in Station I c Tik Devices Air Server, connecting of the 16th Oto. for said the 5th Photo Sec., has been transferred from

Schneider Cum Team Designated

to world. They are Livet David Betterhouse, wanter of bet very Rebester race; Level, A. W. Barton, also a near-ber of the 1923 team, Lirat, Gracow T. Codditiv and Lirat. The trans will be us observe of Lord F. W. Wood, U.S.N. As not Fastery in Philadelphia The conditions of the Schneider Cup contents, which are

Place Brings Relief to Sich Explorer

Oct. 2-4. the on a bad tooth for the cheef of the tribe by Flight McChateck. It remus that on 1600 as description Dec. 17. Service McChappek. It become that in 16to an ownerses feet a factor visited the Indians and sured many who were

"L4 (32) Paul E. Phil (CC), dei Mess. Inst. of Tech. Com-letifes, State., to Naval America Paulosy, Paids. Gausser Claude & Alexander, det U.S.S. Prometherne, is \$4. (jg) John F. Bree, det. U.S.S. Arbanan, to trum daty, Nan. Asserted Factory, Nany Yard, Phile Yord, Phile, Pa.; to Asserult Solve, Seing Fit, berobing (10) Daniel Ketchen, der. U.S.S. Rickmond, to Am-Lt. (187) Dannell Reichten, der, U.S.S. Bickmond, in Am-renti Solten, Settig, FR. zeroleung Sping. Lt. (181) Walter W. Steph, der Observation Place Solve-

Naval Air Orders

Een Coul C. Adell, det Naval Aradenov, Assemblio, MA Een. Cred C. Aces, 4st Navid Aridency, Assapces, Ma.; In Navid Amerill Factory, Navy York, Phile, Pa. Lt. Conde: Joseph P. Nordeet, det. U.S.S. Bhrandashi to Long, Leon C. Frees (DC), dig. Stor. Skrp, San Francisco, Lieux, Leon C. Prest (DC), dg. Slor, Skrp, man Pransessor, to Nex, Air Sta, Sun Barga, Callf. Eas, Alves S. Moletron, Del Naval Academy, Assurador Han Alon a mastron, net Naval Aradesey, American MA; to under metr in receion, Naval Air Staton, Peans Lt. Comde Frederick Cries (MC), name entirelyst of LA CAT William M. McDude, to further mate. Naval Air-[10] East S Burb, det Noval Aur Sts , N.O.S. Harry-100 Bds, Vo. Everyndian accepted 6:16:21 Level Abox C South, (MC), det Nazal Aer Sta, NOB.

Secretary Wilbur Meines First Flight Secretary of the Nery Wilher made his first Sight in a Prior to leaving Disappea Reads the Secretary imported he navel sir statue there, and the tasts of the Ascraft

CALENDAR OF AURONAUTICAL EVENTS

March 25 Start of the Bolish Woold Flight,

Start of World Flight of the U. 5 Zenth International Applica Efficia National Geard Acr Mest, Miller Field, New Doep, S. I., N. Y. "Teur de France des Asionnettes."

Introductional Air Races, incl. Pulicus

July 5-6

Trushe Rose, Depter, Otio.

Schneder Cup Ruce, Bultimore,

motion are excludy from digetal sink, which were regardly German and French on was stock. BACKFIRES PUBLISHER'S NEWS LETTER Sed assessment on the decline of Targlah spokes' in Victor Emanand's Implies from the May 30, 1954, ages of our orisoned consupport, J. & Generals dell's Artendors of Milles India, and the seasoned are supported by the Season of Milles India, Manan, Mana Inevitably, there has been criticism by other A bit should be called to acres more at this seek. Windows N Data-Public spirited unions of the proposed measure on greatly breakened in their effects to obtain a service as by their overcoments. The fact that some Somes for 100 welded steel fundages for DH leading fall for Wadgue. The transcrimental are and service and probably may it Wadgue in the same farters, according to prome advan reserved by Mor. II. Tradelid Chopks, a sense of the dual office key of Co. Pari Henderson, Charl of Are Med Service in please. The collection is affect in that (1) the right to produce their latest products to foreign and the problem which as many servature and remainstrut, despite all offers, and tackled as war, needs, that of elementing all none last accessibility and servature despite the problem of the problem of the problem of the problem of the problem. between the three composites which were under Allowing a foreign simplese constructor to have a densew to now national accuracy. But they would of of treatment has been plotted with M. Coupe digence of the Debugshed Flours Subset, Supportant, Jim the constraints of two Delevated Floug Johns, Journal of the communities or not compliance of his own deagn and for the excellent of a seen of Felder and Floures inspire come higher phase which have been marked by the Chartes was possible. The Felder and Floures of the times with the available tree that if militare CINE WING LOW teact with a new manufacturer in an equation to WHITE BEAR LAKE, MINN postion of many of our oldest aircraft manufacindustry is composed of all kinds of units from turers and believe that they should receive every discusses with production when and come THE EVAN NAMED OF APLICATION ROBERTSON AIRCRAFT CORPORATION officiants less much of their force. Without Office admit from confidence all ensures. From alone includes and approximate, Opposituring to most, lakes upon plants and ensurements of the confidence on todays. Assistant Party Sampler Share and Bernary ST LOCAL PLYING FIRLD believe that officials responsible for Air Service With the combine it is only natural that there Annal Administry Photography Passager Carrier, and How You Are Tarriers Sectional Markon, N. L. should be discouragement over the green of a while American in same and recovered and nonto established connection, but that every should cipally financed by American, is the outcome of All P. Colle.

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Plus. Complete Rating myslerin extending related a model phonoparts. Bullioning processed as another to the first group courts.

Processed Sec. Sec. 1975, 2015, 2015. technical ability, experience and manufacturing facilities. They policy was followed for the for-Sometimes, when falcome letters of pouce are receipted from our controlled by a multiplier as our counder it an advantage to subrating a new policy PORT WASHINGTON, LONG BUAND FLYING BOAT SCHOOL Ages Cub of Black Mad Address -Fail Charge, Ill Work to Could 400 5 Walnut Are count then When become the court contains ARRON CLEVES, AND ALISSE FLY THEM YOURSELF such an opportunity. So here and age to everteen, parsins by the brus. Figure 1 to the hour En Ar Mad. there are large and received about a half a ruleon Pennsyl Line 539W AVIATION FIELD Designs Deptile to the Control of Admiss Carpenter, the leading solution metrorolegical expect on the West Court, events a year Phone Field Chings Ast Park, Seel and Course Chings His St. I Condette Party, Chica of Advice colored server of prace in the following wither sentences "Bury as I am, I feel the way of HIDWEST AIRWAYS CORP. DAYTON, OHIO thus doing away with the argument advanced had 'the excepth was as the strength of ten AVIATION ENGINEERING CO ESSINGTON SCHOOL OF AVIATION over the complete Waterman factory especially PLAING BOATS, WEAPLANES, AND SPARES which was closed show lot Inners. The reachcal effect is the merger of two courses sucraft unberestingly recommend your advarable maga-THE SKYSYNE CORPORATION LAN ASTORNO AVIATION & MOTOR ECHOOL In one fair electrons of the restor of checkly ME SKYSTRE CORPORA : 1004 We hade our blanks beligad a resolu screen of AMPLANTA PACTOR PARTY SUPPLES AMPLIANCES Brickbate and Bouquets."-L.D.G. Product.

Jan. 20, 100s

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AIRPLANES 1450-53500 INCLUDING INSTRUCTIONS

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